

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	ASC-025DV1C1
	First Named Inventor	Cheng
	Title	SEMICONDUCTOR SUBSTRATE STRUCTURE

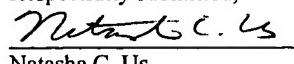
U.S.P.T.O.  
10/80/2018  
22856



<u>APPLICATION ELEMENTS</u>		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form		<b>ACCOMPANYING APPLICATION PARTS</b> <ul style="list-style-type: none"> <li>8. <input type="checkbox"/> 37 CFR 3.73(b) Statement (<i>when there is an assignee</i>)           <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney</li> </ul> </li> <li>9. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</li> <li>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449           <ul style="list-style-type: none"> <li><input type="checkbox"/> Copies of IDS Citations</li> </ul> </li> </ul>	
2. <input type="checkbox"/> Small Entity Status <ul style="list-style-type: none"> <li><input type="checkbox"/> Applicant claims small entity status</li> <li><input type="checkbox"/> Status established in prior application and is still proper and desired</li> </ul>			
3. <input checked="" type="checkbox"/> Specification and Drawings [Total Pages 30] <ul style="list-style-type: none"> <li>- Cover Sheet - (1 page)</li> <li>- Written Description - (12 pages)</li> <li>- Claims - (8 pages)</li> <li>- Abstract - (1 page)</li> <li>- Sheets of Drawings - (8 sheets)               <ul style="list-style-type: none"> <li><input type="checkbox"/> Formal</li> <li><input checked="" type="checkbox"/> Informal</li> </ul> </li> </ul>			
4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages ] a. <input type="checkbox"/> Newly executed (original) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))			
<i>(for continuation/divisional with Box 17 completed) [Note Box 5 below]</i>			
5. <input checked="" type="checkbox"/> Incorporation by Reference (usable if Box 4b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.			
6. <input checked="" type="checkbox"/> Application Data Sheet			
7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <ul style="list-style-type: none"> <li><input type="checkbox"/> Computer Readable Form (CRF)</li> <li><input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li><input type="checkbox"/> CD (2 copies) (identical to computer copy)</li> <li><input type="checkbox"/> Statement verifying identity of above copies</li> </ul>			
17. <input checked="" type="checkbox"/> If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence: --This is a <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> continuation</li> <li><input type="checkbox"/> divisional</li> <li><input type="checkbox"/> continuation-in-part of prior application Serial Nos. 10/384,160, filed on March 7, 2003, and 09/928,126, filed on August 10, 2001, the entire disclosures of which are incorporated by reference herein.--</li> </ul> Priority to the above application(s) is claimed under 35 U.S.C. 120. Prior application information: Examiner: Craig Thompson, Group/Art Unit: 2813.			
18. <input checked="" type="checkbox"/> Priority - 35 U.S.C. 119 <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Priority of application Serial No. 60/225,666 filed on August 16, 2000 in the U.S. patent and Trademark Office is claimed under 35 U.S.C. 119.               <ul style="list-style-type: none"> <li><input type="checkbox"/> The certified copy has been filed in prior U.S. application Serial No. ____ / ____ on ____.</li> <li><input type="checkbox"/> The certified copy will follow.</li> </ul> </li> </ul>			
<u>CORRESPONDENCE ADDRESS</u>		<u>SIGNATURE BLOCK</u>	
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100 Customer No. 021323		Respectfully submitted,  Natasha C. Us Attorney for Applicant(s) Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110	

**FEE TRANSMITTAL**  
**FY 2004**

<i>Complete if Known</i>	
Application Serial Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Cheng
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	ASC-025DV1C1

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																											
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>130      65      Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td></td> <td></td> <td>50      25      Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td></td> <td></td> <td>130      130      Non-English specification</td> <td></td> </tr> <tr> <td></td> <td></td> <td>2,520      2,520      Request for ex parte reexamination</td> <td></td> </tr> <tr> <td></td> <td></td> <td>110      55      Extension for reply within first month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>420      210      Extension for reply within second month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>950      475      Extension for reply within third month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1480      740      Extension for reply within fourth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>2010      1005      Extension for reply within fifth month</td> <td></td> </tr> </tbody> </table>				Large Entity	Small Entity	Fee Description	Fee Paid			130      65      Surcharge - late filing fee or oath				50      25      Surcharge - late provisional filing fee or cover sheet				130      130      Non-English specification				2,520      2,520      Request for ex parte reexamination				110      55      Extension for reply within first month				420      210      Extension for reply within second month				950      475      Extension for reply within third month				1480      740      Extension for reply within fourth month				2010      1005      Extension for reply within fifth month	
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																													
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Independent Claims	- 3 =	x \$ 86.00 =		100      100																																									
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**COPY**

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**PATENT**

Attorney Docket No.: ASC-025DV1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Cheng et al.

SERIAL NO.: Not yet assigned GROUP NO.: Not yet assigned

FILING DATE: Herewith EXAMINER: Not yet assigned

TITLE: PROCESS FOR PRODUCING SEMICONDUCTOR ARTICLE  
USING GRADED EPITAXIAL GROWTH

**BOX PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF FORMAL DRAWINGS**

Sir:

Transmitted herewith for filing in the above-referenced patent application are five (5) sheets of formal drawings.

Respectfully submitted,

Natasha C. Us

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Attorney for the Applicants  
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Date: March 7, 2003  
Reg. No. 44,381

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